Page 30, line 4, replace "8A" with --6A--.

Page 30, line 22, replace "8A" with --6A--.

Page 32, line 20, replace "8B" with --6B--.

Page 33, line 12, replace "8C" with --6C--.

Page 33, line 20, replace "8B" with --6B--.

IN THE CLAIMS

Please amend the claims as follows:

1. (TWICE AMENDED) A data controller of a peripheral
device having a storage medium, the data controller comprising:

a transfer extend generator that generates transfer
extend entries for a data transfer between the storage medium and
a host computer; and

at least one retrieval channel coupled to receive the
transfer [control] extend entries for programming the data
transfer.

2. (AMENDED) A data controller of a peripheral device
having a storage medium and a processor, wherein the data
controller [that] minimizes interrupts to the processor by
processing a plurality of sequential commands received from a host
computer.

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4. (TWICE AMENDED) A peripheral device that includes a data controller, a microprocessor, a buffer memory, local memory and a storage medium, and that is couplable to a host, wherein the data controller creates threads of [sequential] a plurality of commands and generates interrupts at the beginning and end of the plurality of commands relative to a data transfer.

9. (AMENDED) The data controller of claim 8, wherein the status retrieval channel monitors a data transfer between a buffer memory in the peripheral device and [a] the storage medium.

11. (AMENDED) The data controller of claim [1] 10, wherein the at least one retrieval channel provides used read pointers to the first storage device for reuse.

12. (AMENDED) The data controller of claim 2, further comprising a command queueing engine configured to arrange the plurality of sequential commands into at least one thread.

13. (AMENDED) The data controller of claim 12, wherein the command queueing engine [includes] comprises:

a transfer extend generator configured to generate transfer extend entries for a data transfer between the storage medium and a host computer; and

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